LTC 1271 Series Corner Phortress Cameras

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BOSCH
Invented for life

- High Security Phortress Design
- Withstands 50 kg (120 lbs) of Direct Force on the Polycarbonate Dome
- Integral Color, High Resolution Camera with Wide Angle, Varifocal Lens
- Standard White Finishes
- 24 VAC with Line-lock & Phase Adjust

As an extension of the MiniLine products, Bosch offers a corner-mounted indoor version of the high security grade, aluminum Phortress. The LTC 1271 Series Corner Phortress offers the same camera protection with a discrete design that works well in most indoor corner applications.

The Phortress's flexible varifocal camera makes it an ideal replacement for traditional camera installations, where extra security is required.

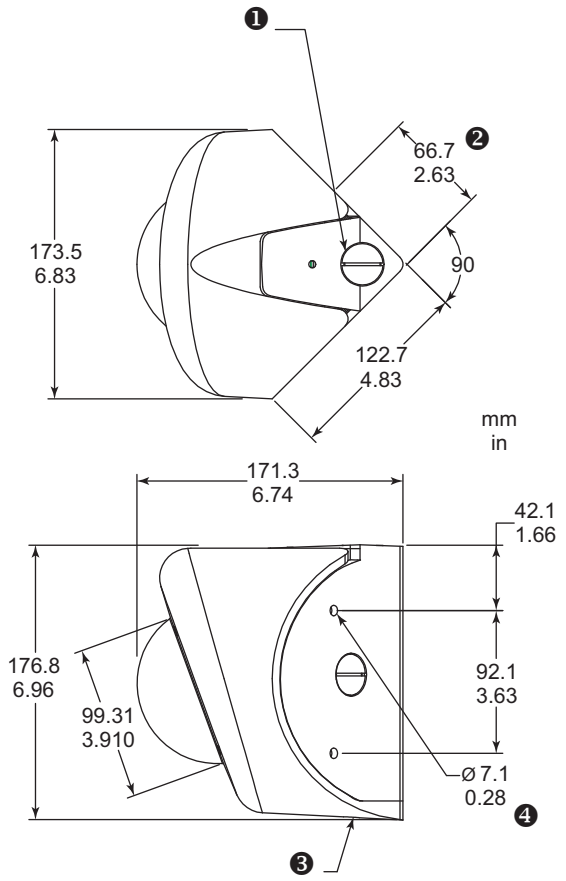
Its sleek design and small, inconspicuous appearance allow for an attractive look that complements most decors.

Functions

The camera can mount flush to the ceiling, or it can be wall mounted below ceiling level. It comes in a standard white finish for use in lobbies, elevators, and other design-specific locations.

The Corner Phortress includes a full featured camera/lens combination in a cast aluminum housing (with the strength of 10 gage steel) and polycarbonate bubble that can withstand the equivalent of 50 kg (120 lbs) of force. The unit can also endure 125 kg (300 lbs) of weight, if an attempt was made to pull the unit down from a masonry wall, provided that the recommended mounting bolts are employed.

Installation/Configuration Notes



Dimensions

1	3/4-inch threaded conduit Opening 1 of 3. 2 plugs supplied	3	Closure secured with tamper-resistant screw. Driver bit supplied
2	Hole location both sides	4	2 Holes each side

Parts Included

Quantity	Component
1	LTC 1271 Series Corner Phortress Camera

Technical Specifications

Electrical

Model No.	Voltage Range	Mono/Color Systems	Power
LTC 1271/10C	21 to 27 VAC or 11 to 13 VDC	PAL	2.7 W
LTC 1271/20C	21 to 27 VAC or 11 to 13 VDC	NTSC	2.7 W

Lens	Integral 2 –4 mm varifocal.
Iris/Shutter	Auto DC control iris; F1.6–200 iris range
Imager	Interline transfer CCD; 1/4-inch image format
Horizontal Res.	480 TVL
Sensitivity (3200K)	
	Minimum Scene
	Illumination
Scene illumination	1.2 lux (fc 0.12)
F1.2, 89% reflection, 50 IRE.	
Signal-to-noise Ratio	48 dB
White Balance (Color Models Only)	
	Automatic Sensing through the Lens (TTL System) Continuous or hold.
Video Output	1.0 Vpp, 75 ohm
Synchronization	
Line-lock (When Powered AC)	Synchronizes camera to power line zero crossing for roll-free vertical interval switching. Vertical phase delay can be externally adjusted (continuously) to allow vertical synchronization in multiphase power installations.
Crystal-lock (When Powered DC)	Internal crystal reference is standard on all models.
Controls	
Automatic Gain Control (AGC)	On / off
Gamma	0.6/1.0
Automatic White Balance (AWB)	Continuous / hold
Backlight Compensation (BLC)	On / off
Connectors	
Video Out	BNC
Power	Stripped leads

Mechanical

Cable Entry

Through one of three 3/4-inch conduit knockouts.
Two plugs provided. Set screw located at top of housing to secure top conduit plug

Mounting

Mounts on wall using four (4) 6 mm (1/4- inch) screws.
Cover is secured with one tamper-resistant screw.
Driver bit is provided

Construction Finish

Polycarbonate dome on cast aluminum housing.
White finish

Dimensions

See dimensional drawing.

Environmental

Rated for indoor use.

Operating Temperature	–10 °C to 50 °C (14 °F to 122 °F)
Storage Temperature	–20 °C to 50 °C (–4 °F to 122 °F)
Humidity	0% to 90% relative, non condensing

Electromagnetic Compatibility

EMC requirements	CD Immunity, FCC Class A
Safety	UL, cUL, CE

Ordering Information

LTC 1271/10C Corner Phortress Camera
1/4-inch color PAL, corner mount, lt. tint, 480 TVL, 12 VDC/24 VAC, 50 Hz, w/2 – 4 mm, auto iris varifocal lens, white
Order number **LTC1271/10C**

LTC 1271/20C Corner Phortress Camera
1/4-inch color NTSC, corner mount, lt. tint, 480 TVL, 12 VDC/24 VAC, 60 Hz, w/2 – 4 mm, auto iris varifocal lens, white
Order number **LTC1271/20C**

Accessories

LTC 1340/00 Wall Arm/Adapter Plate
US version, for vari/phortress dome
Order number **LTC1340/00**

LTC 1343/00 Pipe Mount /Adapter Plate
US version, for vari/phortress dome
Order number **LTC1343/00**

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